
**MODERN TOPOGRAPHIC AND LAND SURVEY OPERATIONS
FOR THE INVENTORY OF THE LAND AREAS OF THE
U.S.A.M.V.B TIMISOARA**

**LUCRARI TOPO-CADASTRALE MODERNE PENTRU
INVENTARIEREA FONDULUI FUNCJAR AL U.S.M.V.B.
TIMISOARA**

**ȘMULEAC ADRIAN*, POPESCU COSMIN*, CIOLAC VALERIA*,
SMULEAC LAURA***

* University of Agricultural Sciences, Timisoara, Romania
smuleac_adrian@yahoo.com

ABSTRACT – Modern topographic and land survey operations for the inventory of the land areas of the U.S.A.M.V.B Timisoara

The Leica TPC 805 Total Station was used for the survey operations performed within the area of the University of Agricultural Sciences Timisoara for detailed elevations surveys. A planimetric traverse was performed to make the support network denser at station points 1000 and 7000, from which a resection method was applied to close the traverse.

Keywords: topographic and land survey operations, compensation, resection, planimetric traverse, masuratori topo-cadastrale, compensare, intersectie inapoi, drumuire planimetrica

REZUMAT – Lucrari topo-cadastrale moderne pentru inventarierea fondului funciar al U.S.A.M.V.B Timisoara

Masuratorile topo-cadastrale au fost realizate cu Statia Totala Leica TPC 805 in perimetru Universitatii de Stiinte Agricole din Timisoara, avand ca si scop realizarea ridicarilor de detaliu. S-a realizat o drumuire planimetrică sprijinită la capete pentru indesirea retelei de sprijin pe punctul de statie 1000 respectiv punctul pe statie 7000 din care s-a realizat o intersectie inapoi (retorintersectie) pentru anchiderea drumuirii.